

Project Baseline Summary Report

Data Source: **EM CDB**

Operations/Field Office: **Idaho**

Site Summary Level: **Idaho National Engineering and Environmental Laboratory**

Project **ID-LRP-101 / Environmental Engineering and Science Center**

Report Number: **GEN-01b**

Print Date: **3/10/2000**

HQ ID: **0218**

General Project Information

Project Description Narratives

Purpose, Scope, and Technical Approach:

This PBS, for Post 2006, is not the correct one for the Environmental Engineering and Science Center (EESC) project. The correct PBS for the EESC contains (S/PC) at the end of the title. It is also identified by the ID-LRP-101 identifier until a project number is issued by DOE-HQ.

Project Status in FY 2006:

Post-2006 Project Scope:

Project End State

Cost Baseline Comments:

Safety & Health Hazards:

Safety & Health Work Performance:

PBS Comments:

The EESC is a key element of the INEEL's Long Range Plan and the Waste Agreement signed between the DOE and Governor Batt of Idaho. The Governor of Idaho, U. S. Senators Kempthorne and Craig and U. S. Congressman Crapo have reviewed and support the INEEL's Long Range Plan and the DOE/State of Idaho Waste Agreement. They have placed a very high priority on the INEEL Long Range Plan and the EESC as a mechanism to transition the INEEL from a nuclear weapons site requiring the cleanup and decommissioning of nuclear facilities to the DOE National Environmental Laboratory.

As part of the Idaho National Engineering and Environmental Laboratory's core mission to provide enhanced environmental stewardship to the Department of Energy and the nation as a whole, several scoping and planning strategies have been assembled. The Department of Energy (DOE) Ten Year Plan Guidance and the Idaho National Engineering and Environmental Laboratory (INEEL) Environmental Management Ten Year Plan provide current direction for environmental management activities. DOE Ten Year Plan guidance as implemented by INEEL Environmental Management Ten Year Plan is supported by this project. The INEEL plan guidance includes the INEEL Site Technology Coordination Groups' identified needs and

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Project Description Narratives

opportunities in support of accomplishment of the INEEL EM Ten Year Plan.

The division of the value of the facility between driver categories cannot be made because the problems to be addressed will change from year to year. Furthermore, the Systems Engineering process requires that requirements be defined and combined together and not segregated into single point solutions to single requirements.

The schedule/milestones listed in Section A.3 are those of a typical LICP modified to reflect the planned lease acquisition discussed in Section A.2.8.

The Environmental Engineering and Science Center (EESC), the Enhance INEEL Core Competencies Project, and the Derived Mission Project are the key facilities and elements needed to complete the transition of the INEEL from site cleanup to the objectives of INEEL Long Range Plan (see Project End State #3 of paragraph A.2.6).

Baseline Validation Narrative:

General PBS Information

Project Validated?

Date Validated:

Has Headquarters reviewed and approved project?

No

Date Project was Added: 12/1/1997

Baseline Submission Date:

FEDPLAN Project? No

Drivers:

CERCLA

RCRA

DNFSB

AEA

UMTRCA

State

DOE Orders

Other

N

N

N

N

N

N

N

N

Project Identification Information

DOE Project Manager:

DOE Project Manager Phone Number:

DOE Project Manager Fax Number:

DOE Project Manager e-mail address:

Is this a High Visibility Project (Y/N):

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Planning Section

Baseline Costs (in thousands of dollars)

	1997-2006 Total	2007-2070 Total	1997-2070 Total	1997	Actual 1997	1998	Actual 1998	1999	2000	2001	2002	2003	2004	2005	2006	
PBS Baseline (current year dollars)	8,061	0	8,061			8,000	8,000	61	0	0	0	0	0	0	0	
PBS Baseline (constant 1999 dollars)	8,061	0	8,061			8,000	8,000	61	0	0	0	0	0	0	0	
PBS EM Baseline (current year dollars)	8,061	0	8,061			8,000	8,000	61	0	0	0	0	0	0	0	
PBS EM Baseline (constant 1999 dollars)	8,061	0	8,061			8,000	8,000	61	0	0	0	0	0	0	0	
	2007	2008	2009	2010	2011- 2015	2016- 2020	2021- 2025	2026- 2030	2031- 2035	2036- 2040	2041- 2045	2046- 2050	2051- 2055	2056- 2060	2061- 2065	2066- 2070
PBS Baseline (current year dollars)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PBS Baseline (constant 1999 dollars)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PBS EM Baseline (current year dollars)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PBS EM Baseline (constant 1999 dollars)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Baseline Escalation Rates

1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
	0.00%	0.00%	2.70%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%

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2010	2011-2015	2016-2020	2021-2025	2026-2030	2031-2035	2036-2040	2041-2045	2046-2050	2051-2055	2056-2060	2061-2065	2066-2070
2.10%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%

Project Reconciliation

Project Completion Date Changes:

Previously Projected End Date of Project: 12/1/2000

Current Projected End Date of Project: 9/30/1999

Explanation of Project Completion Date Difference (if applicable):

Project changed from a fast-tracked design-build-lease facility to standard LICP.

***See ID-LRP-101-PC ***

Project Cost Estimates (in thousands of dollars)

Previously Estimated Lifecycle Cost (1997 - 2070, 1998 Dollars):	Actual 1997 Cost:	Actual 1998 Cost:	8,000
Previously Estimated Lifecycle Cost of Project (1999 - 2070, 1998 Dollars):	-8,000	Inflation Adjustment (2.7% to convert 1998 to 1999 dollars):	-216
Previously Estimated Lifecycle Cost (1999 - 2070, 1999 Dollars):	-8,216		

Project Cost Changes

	Cost Adjustments	Reconciliation Narratives
Cost Change Due to Scope Deletions (-):	-8,216	Actuals of 8,000 in 98 and 61 in 99 accrued to Post 2006 funding. All other move to ID-LRP-101-PC.
Cost Reductions Due to Efficiencies (-):		
Cost Associated with New Scope (+):		
Cost Growth Associated with Scope Previously Reported (+):		
Cost Reductions Due to Science & Technology Efficiencies (-):		
Subtotal:	0	
Additional Amount to Reconcile (+):	61	

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Project Reconciliation

Current Estimated Lifecycle Cost (1999 - 2070, 1999 Dollars): 61

Milestones

Milestone/Activity	Field Milestone Code	Original Date	Baseline Date	Legal Date	Forecast Date	Actual Date	EA	DNFSB	Mgmt. Commit.	Key Decision	Intersite
Project Start			10/1/1996								
Project End			9/30/1999								

Milestones - Part II

Milestone/Activity	Field Milestone Code	Critical Decision	Critical Closure Path	Project Start	Project End	Mission Complete	Tech Risk	Work Scope Risk	Intersite Risk	Cancelled	Milestone Description
Project Start				Y							PBS Start Date
Project End					Y						Project Scope transferred to ID-LRP-101-PC. (Project Completion Fund)